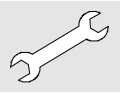


## Chapter 3.8

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# 1 General

## 1.1 Hardware Requirements

cPCI-Rack:

- 200 MHz Ariel Board
- EPROM Mon 4.26
- MSB, Master-Scan-Board, Revision: 0  
with Scan IO-Board Boot EPLD, Version: 0  
and Scan IO-Board serial PROM, Version: 0
- Floppy (no SCSI)
- SCSI Hard disk

Stepper motor boards:

- GS IOB-SINSTEP (F8.9499.8100.0)  
(Firmware (Download) for it: SM5\_1113.hex)
- GS IOB-5STEP (F8.9499.8120.2)  
(Firmware (Download) for it: SM5\_1113.hex)

## 1.2 Software Requirements

This Software configuration is required for Fast Preview functionality.

Configuration	Preview and ID-Station	Processing-Device
<b>ADC-Compact-Plus</b> Connected to <b>VIPS</b> Connected to <b>Preview &amp; ID-Stations</b>	> PRID1.2.09	≥ VIPS1.0.0.9

## 1.3 Order number

**CM+9.5146.1050.2**

## 1.4 Scope of Delivery

- 1 x Hard disk formatter floppy disk
- 2 x Portex installer floppy disks
- 3 x Application floppy disks
- 1 x Empty floppy



## 2 Installation

### 2.1 Upgrade of version $\geq$ ACP\_1007 to ACP\_1010

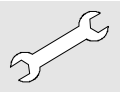
- Use the Application floppies ACP\_1010 1/3 to 3/3
- Select  
    <Service Menu>  
        <Install from floppy>  
            <Software>
- Follow the online instructions on the display of the digitizer.
- Reboot the system
- Refresh the backup



For an upgrade of a **lower version than ACP\_1007** to ACP\_1010 a new IP center calibration is necessary, because of changed IP stop position before start of scan. (Calibration procedure, see chapter 3.6 of your Technical Documentation)

### 2.2 Exchange of the Hard disk / Procedure to install ACP\_1010 on a virgin Hard disk

- Take the **Hard disk Formatter floppy of ACP\_1010** and insert it into the floppy disk drive of ADC Compact Plus.
- Disconnect ADC Compact Plus from the network (since a default IP-Address & hostname is configured)
- Press the Reset button on Ariel-CPU or turn power off/on of ADC Compact Plus
- Confirm partitioning/formatting of the hard disk with 'y'.
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.
- Insert the floppy **ACP\_1010 Portex Installer 2/2** into the disk drive of ADC Compact Plus
- Press the Reset on Ariel-CPU or turn Power Off/On of ADC Compact Plus
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.
- Insert the floppy **ACP\_1010 Release Disk 1/3** into the disk drive of ADC Compact Plus
- Press the Reset button on Ariel-CPU or turn power off/on of ADC Compact Plus
- Wait until you get the final message on a terminal connected to the service RS232 port, or wait until control LED of floppy disk drive is off.
- Proceed the same way with the **ACP\_1010 Release Disk 2/3** and **3/3**



- Press the Reset button on Ariel-CPU or turn power off/on of ADC Compact Plus and wait until system is up
- In case of an already installed device (e.g. exchange of hard disk), restore the device specific parameters by following the guidelines of the Service Menu Topic *Install from floppy, Machine specific data*.  
**Without restoring the device specific parameters, an operation is not possible.**
- In case of a brand new configuration parse the CPF-File using the guidelines of the Service Menu Topic *Install from floppy, CPF-File*, displayed on the user interface.
- Reconnect ADC Compact Plus to the network.

### 3

#### What is new in ACP\_1010?

- Erasure Unit lamps lifetime control algorithm.  
User information text is displayed when it is time to change erasure lamps, always after startup and every 24 hours.
- Stretched acceleration of belt drive input buffer for smoother start of cassette transport to RF-Tag read position.
- Text extension to infocounter identifier for polygon jitter.
- Start cooling of erasure unit with fan again at begin of erase cycle.
- Removed error code 22D55 with 'COOLING DELAY' display. As consequence no more red blinking status display.

### 4

#### Known bugs in ACP\_1010

- Under very special circumstances the info counter contents can be lost in case of switching off the device during operation
- Jitter measurement (EVA) delivers not yet the correct results.
- No indication of folders in status 'error'
- If 10 folders are in the status 'error', these files have to be manually erased via Key-Operator mode before the system accepts new cassettes.
- Photomultiplier test may fail (20E0D) due to large tolerances.
- The serial numbers of parts are stored in configuration files on hard disk. These files are deleted with prepship.bat. In releases > ACP\_1010 they will be stored in adjustment files.
- If during the first start of a new Software a fatal error occurs and the file icn\_1001.dat is not yet completely created, a reboot of the system is no more possible.